

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: MASAYUKI TAKASE, NORIHIKO MORIWAKI, MITSUHIRO  
WADA, HIROAKI KASAHARA and TAKAHIKO KOZAKI

FOR: LEAKY BUCKET TYPE TRAFFIC SHAPER AND  
BANDWIDTH CONTROLLER

Enclosed are:

- ☒ 14 sheets of ☐ formal ☐ informal drawings.
- ☒ Transmittal of Japanese Patent app. 2001-399076 to claim priority date of December 28, 2001.
- ☐ Applicant requests non-publication.
- ☒ An assignment of the invention to Hitachi, Ltd.
- ☒ An Information Disclosure Statement with references.
- ☒ An Executed Declaration

☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	16	-20		x\$18 =	0.00
INDEPENDENT CLAIMS	4	-3	1	x\$84 =	84.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+\$280 =	\$
BASIC FEE					\$740.00
TOTAL OF ABOVE					824.00
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
TOTAL					824.00

- ☐ Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the filing and assignment recordation fees. A duplicate copy of this paper is enclosed.
- ☒ A check in the amount of **\$864.00** to cover the filing fee and assignment recordation fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher  
Registration Number 24,344

**JUAN CARLOS A. MARQUEZ**  
Registration No. 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200  
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